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**TRANSMITTAL LETTER**  
**INFORMATION DISCLOSURE STATEMENT**

Applicant : Zha, et al.  
App. No : 10/774041  
Filed : February 6, 2004  
For : METHOD OF CLEANING MEMBRANE  
MODULES  
Examiner : Menon, K.  
Art Unit : 1723

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

January 5, 2005

(Date)


Rose M. Thiessen, Reg. No. 40,202

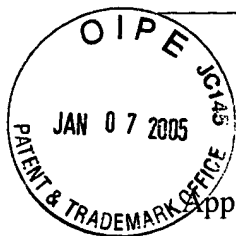
**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
  - (X) Listing 223 references.
  - (X) Enclosing 63 references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
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Rose M. Thiessen  
Registration No. 40,202  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550



## INFORMATION DISCLOSURE STATEMENT

Applicant : Zha, et al.  
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Dear Sir:

Enclosed for filing in the above-identified application is an Information Disclosure Statement by Applicant (PTO/SB/08 equivalent) listing 223 references to be considered by the Examiner. Also enclosed are 63 copies of foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required. If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 1/5/05

By: 

Rose M. Thiessen  
Registration No. 40,202  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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(Multiple sheets used when necessary)

SHEET 1 OF 9

Application No.	10/774,041
Filing Date	February 6, 2004
First Named Inventor	Zha, et al.
Art Unit	1723
Examiner	Menon, K.
Attorney Docket No.	USFMCR.133C1

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	10/674,694	Filed 09-30-2003	Zha et al.	
	2	10/676,458	Filed 09-30-2003	Cox, et al.	
	3	10/759,560	Filed 01-15-2004	Zha et al.	
	4	10/822,036	Filed 04-08-2004	Zha et al.	
	5	10/894,191	Filed 04-19-2004	Zha et al.	
	6	10/903,516	Filed 07-29-2004	Muller, H.	
	7	10/903,809	Filed 07-29-2004	Muller, H.	
	8	10/903,950	Filed 07-30-2004	Muller, H.	
	9	10/914,640	Filed 08-09-2004	Mullette et al.	
	10	2001-0027951	10-11-2001	Gungerich et al.	
	11	2002-0148767	10-17-2002	Johnson et al.	
	12	2002-0153299	10-24-2002	Mahendran et al.	
	13	2002-0195390	12-26-2002	Zha et al.	
	14	2003-0136746	07-24-2003	Behman et al.	
	15	2003-0141248	07-31-2003	Mahendran et al.	
	16	2003-0164332	09-04-2003	Mahendran et al.	
	17	2003-0178365	09-25-2003	Zha et al.	
	18	2003-0226797	12-11-2003	Phelps	
	19	2003-0234221	12-25-2003	Johnson et al.	
	20	2004-0000520	01-01-2004	Gallagher et al.	
	21	2004-0035782	02-26-2004	Muller	
	22	2004-0168979	09-02-2004	Zha et al.	
	23	2004-0178154	09-16-2004	Zha et al.	
	24	2004-0191894	09-30-2004	Muller, et al.	
	25	2004-0217053	11-04-2004	Zha, et al.	
	26	2004-0232076	11-25-2004	Zha et al.	
	27	2004-0238431	12-02-2004	Johnson et al.	
	28	2004-0238442	12-02-2004	Johnson, et al.	
	29	3,228,876	01-11-1966	Mahon	

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Date Considered

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	Filing Date	February 6, 2004
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	Art Unit	1723
(Multiple sheets used when necessary)	Examiner	Menon, K.
SHEET 2 OF 9	Attorney Docket No.	USFMCR.133C1

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	30	3,693,406	09-26-1972	Tobin	
	31	3,708,071	01-02-1973	Richard P. Crowley	
	32	3,968,192	06-07-1976	Hoffman et al.	
	33	3,992,301	11-16-1976	Shippey et al.	
	34	4,188,817	02-19-1980	Steigelmann	
	35	4,192,750	03-11-1980	Elfes et al.	
	36	4,193,780	03-18-1980	Cotton et al.	
	37	4,218,324	08-19-1980	Hartmann et al.	
	38	4,248,648	02-03-1981	Kopp	
	39	4,353,802	10-12-1982	Hara et al.	
	40	4,384,474	05-24-1983	Kowalski	
	41	4,385,150	05-24-1983	Miyake et al.	
	42	4,451,369	05-29-1984	Sekino et al.	
	43	4,511,471	04-16-1985	Müller	
	44	4,540,490	09-10-1985	Shibata et al.	
	45	4,547,289	10-15-1985	Okano et al.	
	46	4,609,465	09-02-1986	Miller	
	47	4,614,109	09-30-1986	Hoffman	
	48	4,632,745	12-30-1986	Giuffrida et al.	
	49	4,636,296	01-13-1987	Kunz	
	50	4,642,182	02-10-1987	Drori	
	51	4,647,377	03-03-1987	Miura	
	52	4,650,596	03-17-1987	Ellis	
	53	4,656,865	04-14-1987	Callan	
	54	4,660,411	04-28-1987	Reid	
	55	4,670,145	06-02-1987	Edwards	
	56	4,673,507	06-16-1987	Brown	
	57	4,687,561	08-18-1987	Kunz	
	58	4,687,578	08-18-1987	Stookey, D.	

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	59	4,688,511	08-25-1987	Gerlach et al.	
	60	4,718,270	01-12-1988	Storr	
	61	4,744,240	05-17-1988	Reichelt	
	62	4,756,875	07-12-1988	Tajima et al.	
	63	4,763,612	08-16-1988	Iwanami	
	64	4,767,539	08-30-1988	Ford	
	65	4,779,448	10-25-1988	Gogins	
	66	4,784,771	11-15-1988	Wathen et al.	
	67	4,793,932	12-27-1988	Ford et al.	
	68	4,797,211	01-10-1989	Ehrfeld et al.	
	69	4,810,384	03-07-1989	Fabre	
	70	4,812,235	03-14-1989	Seleman et al.	
	71	4,816,160	03-28-1989	Ford et al.	
	72	4,846,970	07-11-1989	Bertelsen et al.	
	73	4,876,006	10-24-1989	Ohkubo et al.	
	74	4,876,012	10-24-1989	Kopp et al.	
	75	4,921,610	05-01-1990	Ford et al.	
	76	4,931,186	06-05-1990	Ford et al.	
	77	4,935,143	06-19-1990	Kopp et al.	
	78	4,969,997	11-13-1990	Kluver, et al.	
	79	4,999,038	03-12-1991	Lundberg	
	80	5,005,430	04-09-1991	Kibler et al.	
	81	5,024,762	06-18-1991	Ford et al.	
	82	5,066,375	11-19-1991	Parsi et al.	
	83	5,066,401	11-19-1991	Muller et al.	
	84	5,066,402	11-19-1991	Anselme et al.	
	85	5,069,065	12-03-1991	Sprunt et al.	
	86	5,076,925	12-31-1991	Roesink et al.	
	87	5,079,272	01-07-1992	Allegrezza, et al.	

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	Art Unit	1723
	Examiner	Menon, K.
SHEET 4 OF 9	Attorney Docket No.	USFMCR.133C1

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	88	5,094,750	03-10-1992	Kopp et al.	
	89	5,104,535	04-14-1992	Cote et al.	
	90	5,104,546	04-14-1992	Filson et al.	
	91	5,137,631	08-11-1992	Eckman, et al.	
	92	5,138,870	08-18-1992	Lyssy	
	93	5,151,191	09-29-1992	Sunaoka et al.	
	94	5,151,193	09-29-1992	Grobe et al.	
	95	5,158,721	10-27-1992	Allegrezza, et al.	
	96	5,182,019	01-26-1993	Cote et al.	
	97	5,192,456	03-09-1993	Ishida et al.	
	98	5,192,478	03-09-1993	Caskey, T.	
	99	5,194,149	03-16-1993	Selbie et al.	
	100	5,198,116	03-30-1993	Comstock et al.	
	101	5,209,852	05-11-1993	Sunaoka, et al.	
	102	5,211,823	05-18-1993	Giuffrida et al.	
	103	5,221,478	06-22-1993	Dhingra et al.	
	104	5,227,063	07-13-1993	Langerak, et al.	
	105	5,248,424	09-08-1993	Cote et al.	
	106	5,297,420	03-29-1994	Gilliland et al.	
	107	5,320,760	06-14-1994	Freund et al.	
	108	5,353,630	10-11-1994	Soda et al.	
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	111	5,389,260	02-14-1995	Hemp	
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	113	5,401,401	03-28-1995	Hickok	
	114	5,403,479	04-04-1995	Smith et al.	
	115	5,405,528	04-11-1995	Selbie et al.	
	116	5,417,101	05-23-1995	Weich	

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	117	5,419,816	05-30-1995	Sampson et al.	
	118	5,470,469	11-28-1995	Eckman	
	119	5,477,731	12-26-1995	Mouton	
	120	5,480,553	01-02-1996	Yamamori et al.	
	121	5,531,848	07-02-1996	Brinda et al.	
	122	5,531,900	07-02-1996	Raghaven et al.	
	123	5,543,002	08-06-1996	Brinda et al.	
	124	5,554,283	09-10-1996	Brinda et al.	
	125	5,607,593	03-04-1997	Cote et al.	
	126	5,639,373	06-17-1997	Mahendran et al.	
	127	5,643,455	07-01-1997	Kopp et al.	
	128	5,677,360	10-14-1997	Yamamori, et al.	
	129	5,783,083	07-21-1998	Henshaw et al.	
	130	5,906,742	05-25-1999	Wang et al.	
	131	5,910,250	06-08-1999	Mahendran et al.	
	132	5,914,039	06-22-1999	Mahendran	
	133	5,918,264	06-29-1999	Drummond et al.	
	134	5,942,113	08-24-1999	Morimura	
	135	5,944,997	08-31-1999	Pedersen et al.	
	136	6,024,872	02-15-2000	Mahendran	
	137	6,039,872	03-21-2000	Wu et al.	
	138	6,042,677	03-28-2000	Mahendran et al.	
	139	6,048,454	04-11-2000	Jenkins	
	140	6,077,435	06-20-2000	Beck et al.	
	141	6,083,393	07-07-2000	Wu et al.	
	142	6,146,747	11-14-2000	Wang et al.	
	143	6,156,200	12-05-2000	Zha et al.	
	144	6,159,373	12-12-2000	Beck et al.	
	145	6,193,890	02-27-2001	Pederson et al.	

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	146	6,202,475	03-20-2001	Selbie et al.	
	147	6,221,247	04-24-2001	Nemser et al.	
	148	6,245,239	06-12-2001	Cote et al.	
	149	6,254,773	07-03-2001	Biltoft	
	150	6,264,839	07-24-2001	Mohr et al.	
	151	6,294,039	09-25-2002	Mahendran et al.	
	152	6,303,035	10-16-2001	Cote et al.	
	153	6,354,444	03-12-2002	Mahendran	
	154	6,440,303	08-27-2002	Spriegel	
	155	6,524,481	02-25-2003	Zha et al.	
	156	6,550,747	04-22-2003	Rabie et al.	
	157	6,555,005	04-29-2003	Zha et al.	
	158	6,620,319	09-16-2003	Behmann et al.	
	159	6,641,733	11-04-2003	Zha et al.	
	160	6,645,374	11-11-2003	Cote et al.	
	161	6,783,008	08-31-2004	Zha et al.	
	162	6,821,420	11-23-2004	Zha et al.	
	163	D396,046	07-14-1998	Scheel et al.	
	164	D396,726	08-04-1998	Sadr et al.	
	165	D400,890	11-10-1998	Gambardella	
	166	D462,699	09-10-2002	Johnson et al.	
	167	D478,913	08-26-2003	Johnson, et al.	
	168	H1,045	05-05-1992	Wilson	
	169	RE37,549	02-19-2002	Mahendran et al.	

### FOREIGN PATENT DOCUMENTS

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	170	DE 3904544 A	08-16-1990	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung eV	English language abstract	
	171	DE 4117281 A	01-02-1992	Chemie AG Bitterfeld-Wolfen	English language abstract	
	172	DE 4117422 A	11-12-1992	Dettinger, Willi	English language abstract	
	173	EP 1052012 A1	11-15-1900	Asahi Kasei Kogyo Kabushiki Kaisha		
	174	EP 1350555 A1	10-08-2003	TORAY INDUSTRIES, INC.		
	175	EP 250337 A1	12-23-1987	RHONE-POULENC RECHERCHES	English language abstract	
	176	EP 327025 A	08-09-1989	Sartorius GmbH	English language abstract	
	177	EP 395133 A1	02-01-1995	X-Flow B.V.		
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	179	EP 430082 A2	06-19-1996	MILLIPORE CORPORATION		
	180	EP 463627 A	01-02-1992	CHEMIE AG BITTERFELD- WOLFEN	English language abstract	
	181	EP 50447 A	10-02-1985	ASAHI GLASS COMPANY LTD.		
	182	EP 763758 A1	10-02-1996	KOH GIKEN Co., Ltd.		
	183	EP 911073 A1	04-28-1999	Pall Corporation		
	184	EP 920904 A1 	06-09-1999	PRAXAIR TECHNOLOGY, INC.		
	185	FR 2620712 A1	03-24-1989	PENNWALT CORP	English language abstract	
	186	FR 2674448 A1	02-10-1992	DUMEZ LYONNAISE EAUX	English language abstract	
	187	GB 2253572 A	09-16-1992	ALJAC ENGINEERING LIMITED		
	188	JP 01-307409 A2	12-12-1989	DAICEL CHEM IND LTD	English language abstract	
	189	JP 02-164423 A2	06-25-1990	TOSHIBA CORP	English language abstract	
	190	JP 02-284035 A2	11-21-1990	TOYOBO CO LTD	English language abstract	

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	191	JP 03-018373 A2	01-25-1991	TERUMO CORP	English language abstract	
	192	JP 03-028797 A2	02-06-1991	EBARA CORP	English language abstract	
	193	JP 03-110445 A2	05-10-1991	FUJI PHOTO FILM CO LTD	English language abstract	
	194	JP 04-310223 A2	11-01-1992	ASAHI CHEM IND CO LTD	English language abstract	
	195	JP 05-023557 A2	02-02-1993	ASAHI CHEM IND CO LTD	English language abstract	
	196	JP 05-157654 A2	06-25-1993	ASAHI CHEM IND CO LTD	English language abstract	
	197	JP 06-277469 A	10-04-1994	Kurita Water Ind. Ltd.	English language abstract	
	198	JP 06-071120 A2	03-15-1994	AKAI ELECTRIC CO LTD	English language abstract	
	199	JP 06-114240 A2	04-26-1994	TORAY IND INC	English language abstract	
	200	JP 07-000770 A2	01-06-1995	TOSHIBA CORP	English language abstract	
	201	JP 07-275665 A2	10-24-1995	mitsubishi RAYON CO LTD	English language abstract	
	202	JP 08-010585 A2	01-16-1996	ISHIGAKI MECH IND CO	English language abstract	
	203	JP 09-141063 A2	06-06-1997	mitsubishi RAYON CO LTD	English language abstract	
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T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Application No.	10/774,041
	Filing Date	February 6, 2004
	First Named Inventor	Zha, et al.
	Art Unit	1723
(Multiple sheets used when necessary)	Examiner	Menon, K.
SHEET 9 OF 9	Attorney Docket No.	USFMCR.133C1

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Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
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